

**Fuel Oil Non-Availability Report**  
North American Emissions Control Area  
(NA-ECA)

MARPOL Annex VI Regulation 18.2, as incorporated by reference in 40 C.F.R. § 1043.100, provides that a vessel not in compliance with the fuel oil sulfur standards will:

- “(1) present a record of the actions taken to attempt to achieve compliance; and
- (2) provide evidence that it attempted to purchase compliant fuel oil in accordance with its voyage plan and, if it was not made available where planned, that attempts were made to locate alternative sources for such fuel oil and that despite best efforts to obtain compliant fuel oil, no such fuel oil was made available for purchase.”

**Vessel's Name:** RAINBOW ACE  
**Vessel's Flag:** PANAMA  
**Identification Number:** 9596703  
(IMO or other)

Voyage Plan (Note: This plan should reflect what is in effect at the time of the vessel's entry into the North American ECA)

**Port of Origin:** RIZHAO , CHINA  
**Port of Destination:** KALAMA, USA  
**First U.S. Port of Arrival:** KALAMA, USA

**List of all port visits beginning with the Port of Origin and ending at Port of Destination:**

- 1. Port of Origin: RIZHAO, CHINA
- 2nd Port Visit: KALAMA, USA
- 3rd Port Visit:
- 4th Port Visit:
- 5th Port Visit:
- 6th Port Visit:
- 7th Port Visit:
- 8th Port Visit:
- 9th Port Visit:
- 10th Port Visit:

(Insert more as needed)

**Date and Time Vessel Received Notice it would transit the NA-ECA:** 3RD JAN 14:55 GVA TIME  
**Location of Vessel when notice was received it would transit the NA-ECA:** 4159.3N/17936.0W

**Date and Time vessel is expected to enter the NA-ECA:** 1800utc/11th/Jan/2015  
**Date and Time vessel is expected to exit the NA-ECA:** 1200utc/15th/Jan/2015  
subject to loading operations

**Projected number of days the main propulsion engines will be operated in the NA-ECA:** approx 1 day

**Sulfur Content of Fuel Oil used when entering the NA-ECA:** LSFO 0.94% Sulfur Content  
**Sulfur Content of Fuel Oil used while operating in the NA-ECA:** LSGO 0.1% will be supplied on arrival

A description of the actions taken to attempt to achieve compliance prior to entering the North American ECA, including a description of all attempts that were made to locate alternative sources of compliant fuel oil, and a description of the reason why compliant fuel oil was not available (e.g., compliant fuel oil was not available at ports on “intended voyage,” fuel oil supply disruptions at port; etc.

Note: The United States government does not consider the cost of compliant fuel oil to be a valid basis for claiming the non-availability of compliant fuel oil). Include names and addresses of the fuel oil suppliers contacted and the dates on which the

contact was made.

Enter Text Here:

Vessel sailed Rizhao, China on 25 dec 2014 0436LT with 1186.1mt HSIFO, 90.411mt LSIFO, 41mt HSMDO, 0mt LSMDO on board.

Next employment was not fixed at time of sailing.

Upon sailing China, master was instructed to proceed towards deviation point with ultimate intention PANAMA Canal. On 3rd Jan vessel next employment was fixed with loading port KALAMA to China with grain products . Master has been instructed to sail towards KALAMA, USA on 3rd JAN accordingly.

No bunkering option from position where master /operators were aware of final loading port and actual arrival in USA .

While proceeding towards Astoria no other port for bunkering compliant fuel were found .

While entering ECA vessel will be on LSFO 0.94% and upon arrival sub charterers will bunker with compliant product (LSGO 0.1%)

In cases of fuel oil supply disruption, the name of the port at which the vessel was scheduled to receive compliant fuel oil and the name of the fuel oil supplier that is now reporting the non-availability of compliant fuel oil.

Enter Text Here:

**NOT APPLICABLE**

If applicable, identify and describe any operational constraints that prevented you from using available compliant fuel oil, for example with respect to viscosity or other fuel oil parameters. Specify steps you have taken, or are taking, to resolve these operational constraints that will allow you to use all commercially available residual fuel oil blends.

Enter Text Here:

**NOT APPLICABLE**

If applicable, identify and describe any operational constraints that prevented you from using available compliant fuel oil, for example with respect to viscosity or other fuel oil parameters. Specify steps you have taken, or are taking, to resolve these operational constraints that will allow you to use all commercially available residual fuel oil blends.

Enter Text Here:

**NOT APPLICABLE**

Describe the availability of compliant fuel oil at the first port-of-call in the United States, and your plans to obtain that fuel oil.

Enter Text Here:

**LSFO 0.94% Sulfur Content presently on board**

**Supply of compliant fuel is Schedule by sub charterers in Astoria upon arrival . reverting shortly with bunker stem confirmation.**

If compliant fuel oil is not available at the first port-of-call in the United States, describe the lowest sulfur content of available fuel oil, or the lowest sulfur content of available fuel oil at the next port-of-call in the United States.

Enter Text Here:

**Upon arrival Astoria she will be supplied with LSGO 0.1% should this not be compliant /available she will consume LSFO 0.94% Sulfur Content presently on board**

If the vessel has operated in the North American ECA in the prior 12 months, provide the names of all U.S. ports visited, the dates of the port calls, and whether the vessel used compliant fuel oil.

Enter Text Here:

**Yes, Vessel visited Kalama on 10th Nov. 2014, and vessel used compliant fuel oil**

If the vessel or owner/operator has submitted a Fuel Oil Non-Availability Report to the United States government in the previous 12 months, identify the number of Fuel- Oil Non-Availability Reports previously submitted, and provide details on the dates and ports previously visited while using non-compliant fuel oil.

Enter Text Here:

NO

Provide all relevant contact information, including the ship master, ship operator, legal agent in the United States, ship owner, and any related parent companies. Also include a designated corporate official who is authorized to answer additional questions relating to claims of fuel oil unavailability and his or her full contact information.

**Master/Mv Rainbow Ace**

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The United States government will consider the information submitted in a Fuel Oil Non- Availability Report to be reliable only if the report is signed by an authorized representative of your company and contains the following affirmation:

*"I certify under penalty of law that the statements and information made herein are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines and imprisonment pursuant to 18 U.S.C. § 1001."*

Signed: Geneva, January 8th , 2015

QUADRA COMMODITIES SA

P.RAVANO - CEO

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Authorized Company Representative

This completed and signed report should be sent to:

1. In the United States by email to: [marine-eca@epa.gov](mailto:marine-eca@epa.gov)
2. To the vessel's Flag State Administrator